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PTO/SB/80 (09-04)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby appoint:

☒ Practitioners associated with the Customer Number:

45856

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

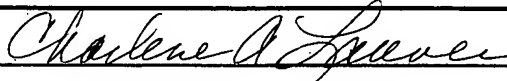
Assignee Name and Address:

CHIRON CORPORATION
Intellectual Property - R440
P.O. Box 8097
Emeryville, CA 94662-8097

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

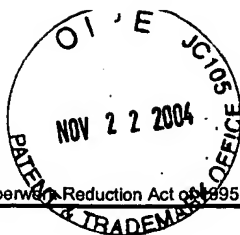
SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	November 14, 2004
Name	Charlene A. Launer	Telephone	(510) 923-2718
Title	Assistant Secretary		

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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PTO/SB/96 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PP-01544.104

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Inventor/Owner: Khoja and Shyamala

Application No./Patent No.: 10/698,959 Filed/Issue Date: October 30, 2003

Entitled: Isolated VSHK-1 Receptor Polypeptides and Methods of Use Thereof

CHIRON CORPORATION, a corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Charlene A. Launer

Signature

Charlene A. Launer

Printed or Typed Name

Assistant Secretary

Title

November 19, 2004

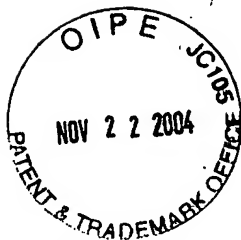
Date

510-923-2718

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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NOVEMBER 03, 2004

PTAS

BOZICEVIC, FIELD & FRANCIS LLP
1900 UNIVERSITY BLVD
EAST PALO ALTO, CA 94303



UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/03/2004

REEL/FRAME: 015324/0881
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 2300-1544CON

ASSIGNOR:
KHOJA, HAMIDUDDIN

DOC DATE: 09/17/2001

ASSIGNOR:
SHYAMALA, VENKATAKRISHNA

DOC DATE: 09/20/2001

ASSIGNEE:
CHIRON CORPORATION
P.O. BOX 8097
INTELLECTUAL PROPERTY - R440
EMERYVILLE, CALIFORNIA 94662-0097

SERIAL NUMBER: 10698959

FILING DATE: 10/30/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: ISOLATED VSHK-1 RECEPTOR POLYPEPTIDES AND METHODS OF USE THEREOF

11/15/04
DOCKETED

DOCKETED on/by *11/15/04 am*
Atty. *CA* PA
File # *PP 01544.104*
Due Date _____ Ext _____
Final Date _____

015324/0881 PAGE 2

KIMBERLY WHITE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

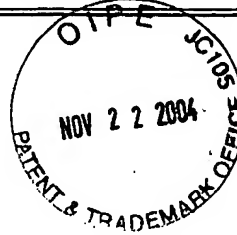
PATENT ASSIGNMENT

Electronic Version v08

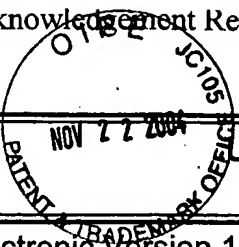
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11/03/2004
800014577

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT OF ASSIGNOR'S INTEREST																
CONVEYING PARTY DATA																	
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HAMIDUDDIN KHOJA	2001-09-17																
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RECEIVING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Street Address</th><th>Internal Address</th><th>City</th><th>State/Country</th><th>Postal Code</th></tr></thead><tbody><tr><td>CHIRON CORPORATION</td><td>P.O. BOX 8097</td><td>INTELLECTUAL PROPERTY - R440</td><td>EMERYVILLE</td><td>CALIFORNIA</td><td>94862-0097</td></tr></tbody></table>						Name	Street Address	Internal Address	City	State/Country	Postal Code	CHIRON CORPORATION	P.O. BOX 8097	INTELLECTUAL PROPERTY - R440	EMERYVILLE	CALIFORNIA	94862-0097
Name	Street Address	Internal Address	City	State/Country	Postal Code												
CHIRON CORPORATION	P.O. BOX 8097	INTELLECTUAL PROPERTY - R440	EMERYVILLE	CALIFORNIA	94862-0097												
PROPERTY NUMBERS Total: 1																	
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number</td><td>10698959</td></tr></tbody></table>						Property Type	Number	Application Number	10698959								
Property Type	Number																
Application Number	10698959																
CORRESPONDENCE DATA																	
FAX NUMBER: 6503273231																	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.																	
CUSTOMER NUMBER: 024353																	
NAME OF PERSON SIGNING:		James S. Keddle															
DATE SIGNED:		2004-10-27															
Total Attachments: 3 source=Assign1.tif source=Assign2.tif source=Assign3.tif																	



CH \$40.00 500815 10698959

**UNITED STATES PATENT AND TRADEMARK OFFICE
ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1

Stylesheet Version v1.1.1

**Title of
Invention****ISOLATED VSHK-1 RECEPTOR POLYPEPTIDES AND METHODS
OF USE THEREOF**

Submission Type: Patent Assignment

Application Number: 10/698959

10/698959

EFS ID: 71777

Server Response:

Confirmation Code	Message
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application
ICON1	8827
USPTOEFSNotice	For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number: 1(866) 217-9197 Website: http://www.uspto.gov/ebc/

First Named Applicant: HAMIDUDDIN KHOJA

Attorney Docket Number: 2300-1544CON

Timestamp: 2004-11-03 12:48:49 EDT

From: us

File Listing:

Doc. Name	File Name	Size (Bytes)
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us-assignment	us-assignment.dtd	11123
us-assignment	Assign1.tif	60364
us-assignment	Assign2.tif	51284
us-assignment	Assign3.tif	34448
us-fee-sheet	Efileassign-usfees.xml	1617
us-fee-sheet	us-fee-sheet.xsl	24912
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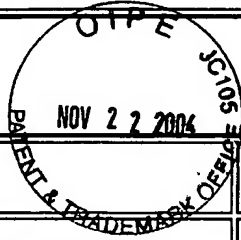
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Digital Certificate Holder Name: cn=James Samuel Keddie,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

PATENT ASSIGNMENT RECORDATION COVER SHEET

Electronic Version: v08
Stylesheet Version: 3.0.0

**SUBMISSION TYPE:**

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name	Execution Date
HAMIDUDDIN KHOJA	09/17/2001
VENKATAKRISHNA SHYAMALA	09/20/2001

RECEIVING PARTY DATA

Name:	CHIRON CORPORATION
Street Address:	P.O. BOX 8097
Internal Address:	INTELLECTUAL PROPERTY - R440
City:	EMERYVILLE
State:	CALIFORNIA
Postal Code:	94662-0097

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10698959

CORRESPONDENCE DATA**Fax Number:** 6503273231*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.***CUSTOMER NUMBER:** 024353

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

Phone: 6503273400**NAME OF PERSON SIGNING:**

James S. Keddle

eSIGNATURE:

/James S. Keddle/

DATE SIGNED:

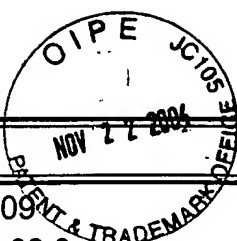
10/27/2004

Total Attachments: 3

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FEE TRANSMITTAL

Electronic Version v09
 Stylesheet Version v08.0

**Title of
 Invention**

ISOLATED VSHK-1 RECEPTOR POLYPEPTIDES AND METHODS
 OF USE THEREOF

Application Number: 10/698959 *10/698959*
 Date: 2003-10-30
 First Named Applicant: HAMIDUDDIN KHOJA
 Attorney Docket Number: 2300-1544CON

TOTAL FEE AUTHORIZED \$40

Patent fees are subject to annual revisions on or about October 1st of each year.

ASSIGNMENT FEES

Fee Description	Property Number	Quantity	Fee Code	Amount \$	Fee Paid \$
Recording Each Patent Assignment Per Property Fee	10698959	1	8021	40	40
Subtotal For Additional Fees: \$40					

AUTHORIZED BILLING INFORMATION

The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit account number: 500815

Access Code ****

Deposit name: Bozicevic Field and Francis LLP

Deposit authorized name: Bozicevic Field and Francis LLP

Signature: /James S. Keddle/

Date (YYYYMMDD): 2004-10-27

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

ASSIGNMENT

WHEREAS, We, HAMIDUDDIN KHOJA and VENKATARKRISHNA SHYAMALA, hereinafter referred to as ASSIGNORS, have co-invented certain improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: ISOLATED VSHK-1 RECEPTOR POLYPEPTIDES
AND METHODS OF USE THEREOF

Date of Execution: September 17, 2001 and September 20, 2001

Filing Date: 11/03/1999

Serial No: 09/433,360

WHEREAS, CHIRON CORPORATION, located at 4560 Horton Street, Emeryville, California 94608-2916, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNORS by ASSIGNEE, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. § 119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNORS also agree that the U.S. serial number and the filing date may be entered above by ASSIGNEE or its agents upon designation of the serial number and the filing date by the U.S. Patent and Trademark Office.

ASSIGNORS further agree that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed their names to this assignment on the dates indicated below.

INVENTOR: HAMIDUDDIN KHOJA

DATE 9/17/01

K. Hamiduddin Khoja
Signature

State of California
County of San Diego

On Sept. 18, 2001 before me, Sabrina R. Wright, Notary Public, personally appeared Hamiduddin Khoja, personally known to me OR ~~proved to me on the basis of satisfactory evidence~~ to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Sabrina R. Wright
Signature of Notary Public



Notary Seal

INVENTOR: VENKATA~~X~~KRISHNA SHYAMALA

DATE 09/20/01

Venkatakrishna Shyamala
Signature

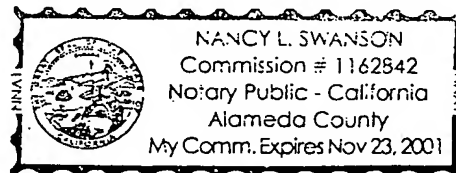
State of California

County of Alameda

On 9/20/01 before me, Nancy L. Swanson, Notary Public,
personally appeared Venkatakrishna Shyamala personally known to me OR proved
to me on the basis of satisfactory evidence to be the person whose name is subscribed to the
within instrument and acknowledged to me that he/~~she~~/they executed the same in
~~his~~/~~her~~/their authorized capacity(~~ies~~), and that by his/~~her~~/their signature(~~s~~) on the
instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed
the instrument.

WITNESS my hand and official seal.

Nancy L. Swanson
Signature of Notary Public



Notary Seal